

SEQUENCE LISTING

<110> KROCZEK, RICHARD

<120> ANTI-HUMAN T-CELL COSTIMULATING MONOCLONAL ANTIBODIES

<130> 7853-215

<140> 09/509, 283

<141> 2000-08-11

<160> 4

<170> PatentIn version 3.0

<210> 1

<211> 2641

<212> DNA

tgcttatagt ttacaagtga gaccgatat gtcattatgc atacttatat tatcttaagc 2280
atgtgtaatg ctggatgtgt acagtagt actgaacttg taatttgaat ctagtatgt 2340
gttctgtttt cagctgactt ggacaacctg actggctttg cacaggtgtt ccctgagttg 2400
tttgcagggtt tctgtgtgtg ggggtgggta tggggaggag aaccttcatg gtggcccccacc 2460
tggcctggtt gtccaaagctg tccctcgaca catcctcatc cccagcatgg gacaccta 2520
gatgaataat aattcacaaa atttctgtga aatcaaatcc agtttaaga ggagccactt 2580
atcaaagaga ttttaacagt agttaagaagg caaagaataa acatttgata ttcagcaact 2640
g 2641

Sub
Q1

<210> 2
<211> 198
<212> PRT
<213> 8F4

<400> 2
Met Lys Ser Gly Leu Trp Tyr Phe Phe Leu Phe Cys Leu Arg Ile Lys
1 5 10 15
Val Leu Thr Gly Glu Ile Asn Gly Ser Ala Asn Tyr Glu Met Phe Ile
20 25 30
Phe His Asn Gly Gly Val Gln Ile Leu Cys Lys Tyr Pro Asp Ile Val
35 40 45
Gln Gln Phe Lys Met Gln Leu Ile Lys Gly Gly Gln Ile Leu Cys Asp
50 55 60
Leu Thr Lys Thr Lys Gly Ser Gly Asn Thr Val Ser Ile Lys Ser Leu
65 70 75 80
Lys Phe Cys His Ser Gln Leu Ser Asn Asn Ser Val Ser Phe Phe Leu
85 90 95
Tyr Asn Leu Asp His Ser His Ala Asn Tyr Tyr Phe Cys Asn Leu Ser
100 105 110
Ile Phe Asp Pro Pro Pro Phe Lys Val Thr Leu Thr Gly Gly Tyr Leu
115 120 125
His Ile Tyr Glu Ser Gln Leu Cys Cys Gln Leu Lys Phe Trp Leu Pro
130 135 140
Ile Gly Cys Ala Ala Phe Val Val Cys Ile Leu Gly Cys Ile Leu Ile
145 150 155 160
Cys Trp Leu Thr Lys Lys Tyr Ser Ser Ser Val His Asp Pro Asn
165 170 175
Gly Glu Tyr Met Phe Met Arg Ala Val Asn Thr Ala Lys Lys Ser Arg
180 185 190
Leu Thr Asp Val Thr Leu
195

<210> 3
<211> 17
<212> PRT
<213> 8F4

<400> 3
Met Gly Asn Cys Thr Ser Ala Cys Asn Gly Ala Tyr Gly Thr Asn Ala
1 5 10 15
Cys

<210> 4
<211> 17
<212> PRT
<213> 8F4

<400> 4

Met Gly Asn Tyr Thr Asp Ala Cys Asn Gly Ala Tyr Gly Thr Asn Ala
1 5 10 15

Cys